Drawings: 1 of 63 ant: Igor Guskov, et al. HYBRID MESHES Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

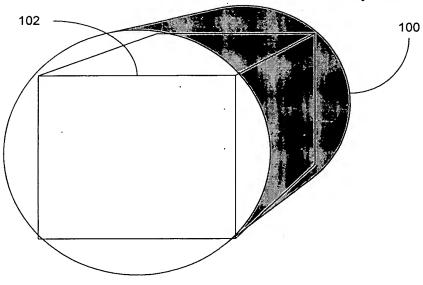


FIGURE 1A

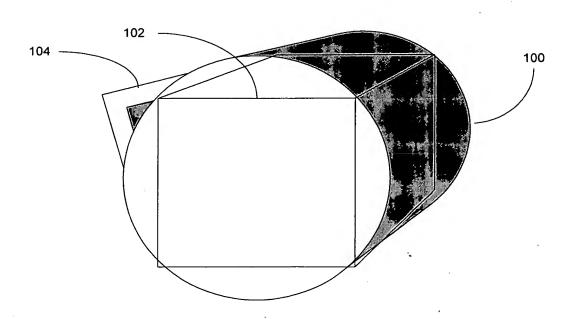
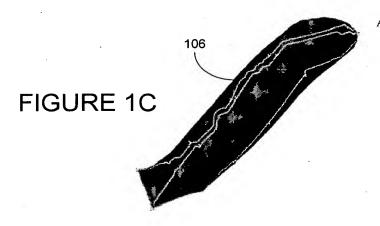


FIGURE 1B

Drawings: 2 of 63
Application Igor Guskov, et al.
Title BRID MESHES
Serial No.: Herewith

Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00



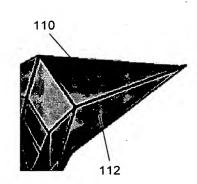


FIGURE 1D

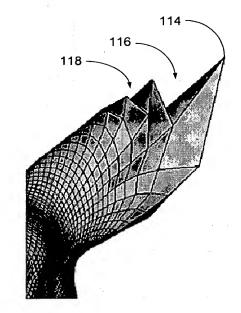
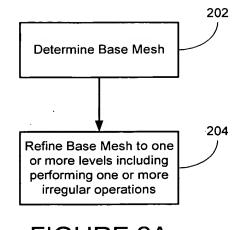
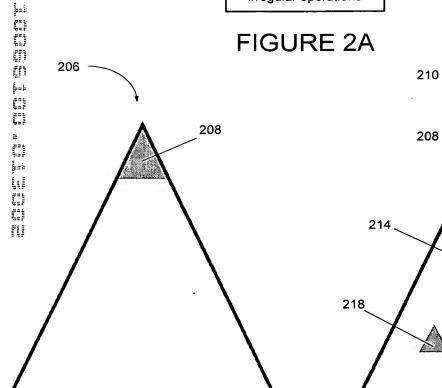


FIGURE 1E

Drawings: 3 of 63
Archant: Igor Guskov, et al.
HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00





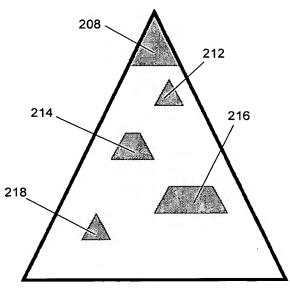


FIGURE 2B

FIGURE 2C

Drawings: 4 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

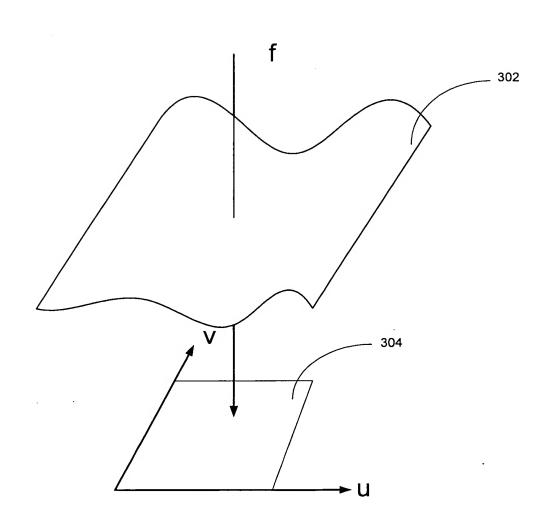


FIGURE 3

Drawings: 5 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith

Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00



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|--|-------------|-------------|-------------|--|
| , gari gira gi<br>e ilini, tirai, gi     | <u>401b</u> | <u>401c</u> | <u>401d</u> |  |
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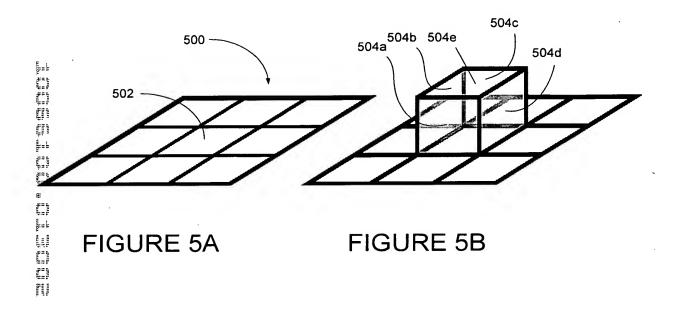
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|---|-----|--|--|--|
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|   | 402 |  |  |  |
|   |     |  |  |  |

FIGURE 4A

FIGURE 4B

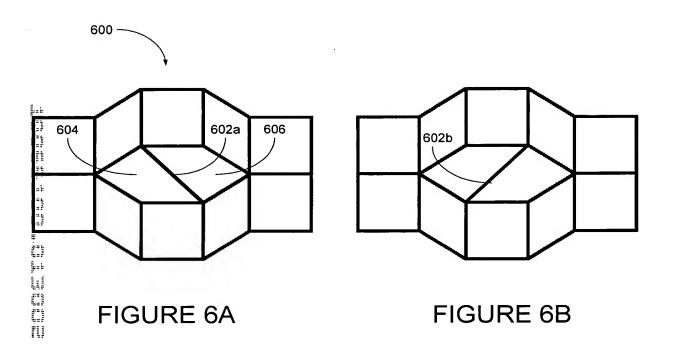
Drawings: 6 of 63 Applicant: Igor Guskov, et al. Title: HYBRID MESHES

Serial No.: Herewith Filed: January 30, 2002

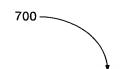


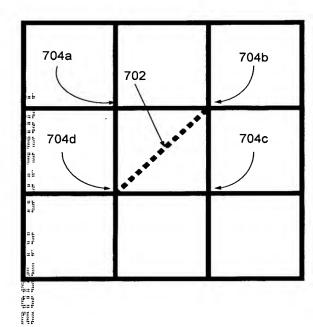
Drawings: 7 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith

Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00



Drawings: 8 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002





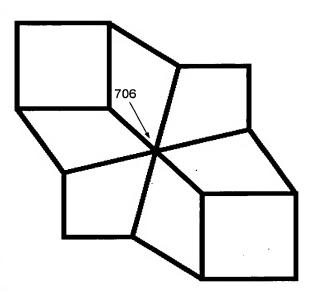


FIGURE 7A

FIGURE 7B

Drawings: 9 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES

Serial No.: Herewith Filed: January 30, 2002

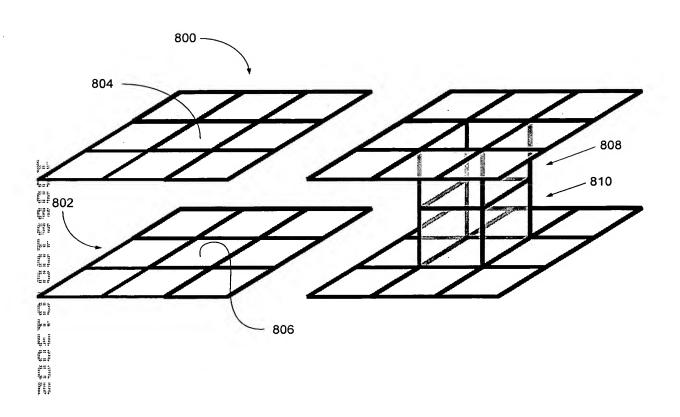


FIGURE 8

Drawings: 10 of 63

Applicant: Igor Guskov, et al.

Title: HYBRID MESHES

Serial No.: Herewith

Filed: January 30, 2002

Attorney: Robert C. Laurenson

Attorney Docket No.: 01339.0008.NPUS00

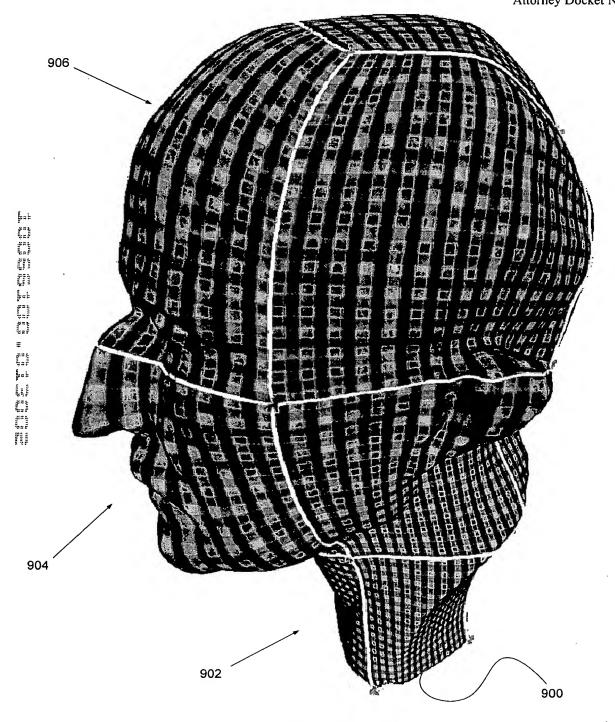


FIGURE 9A

Drawings: 11 of 63

Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

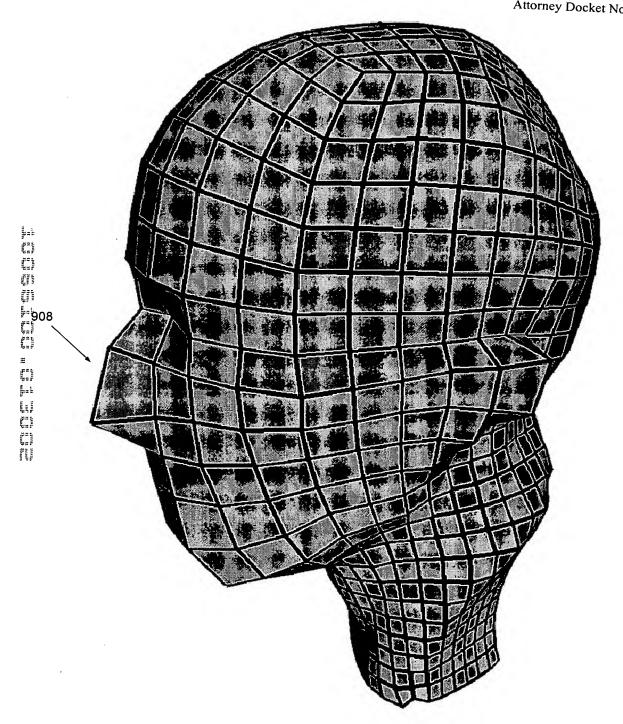
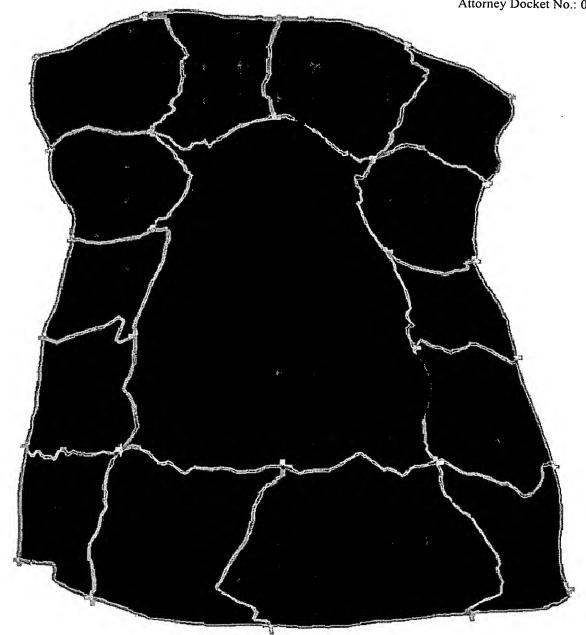


FIGURE 9B

Drawings: 12 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00



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FIGURE 9C

Drawings: 13 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

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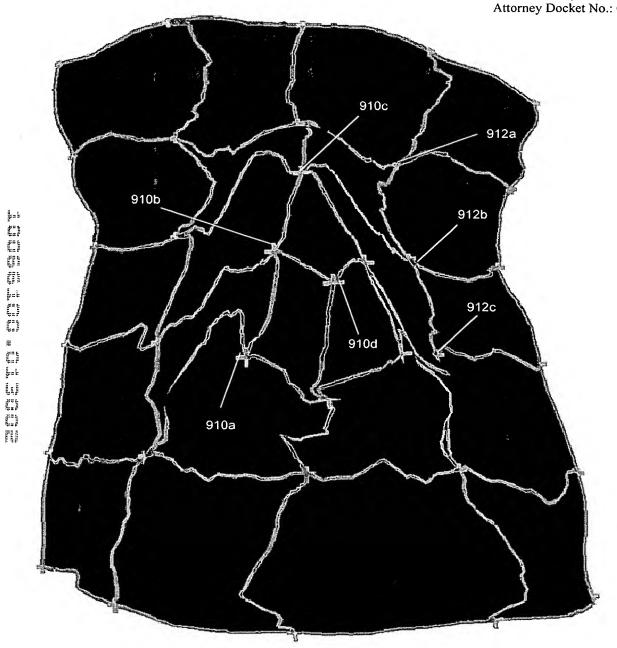


FIGURE 9D

The second secon

Drawings: 14 of 63
App : Igor Guskov, et al.
Tit. YBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

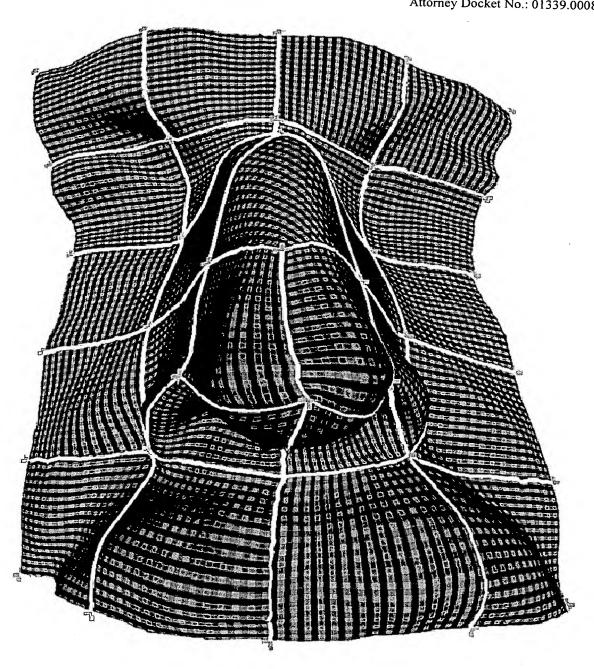


FIGURE 9E

Drawings: 15 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

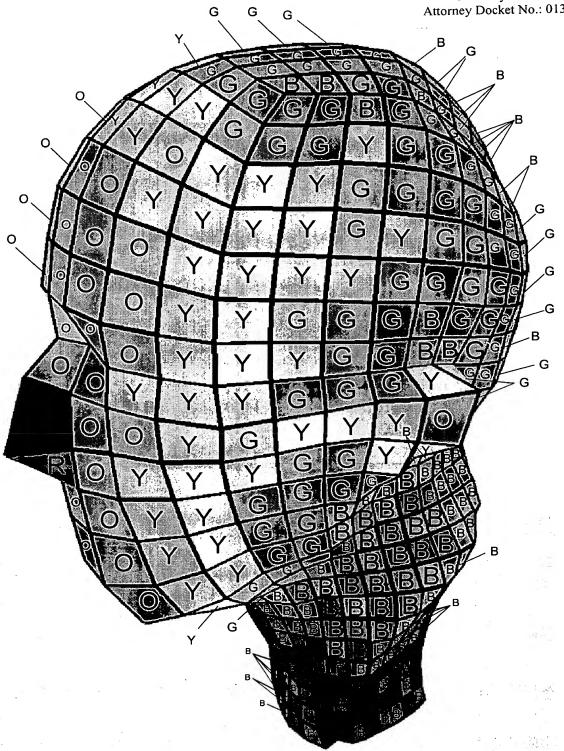


FIGURE 9F

Drawings: 16 of 63

Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

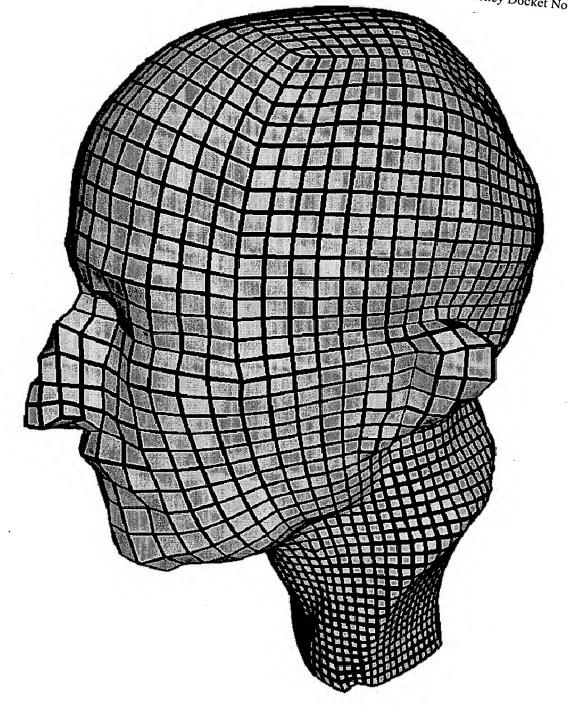


FIGURE 9G

Drawings: 17 of 63
pplicant: Igor Guskov, et al.
itle: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

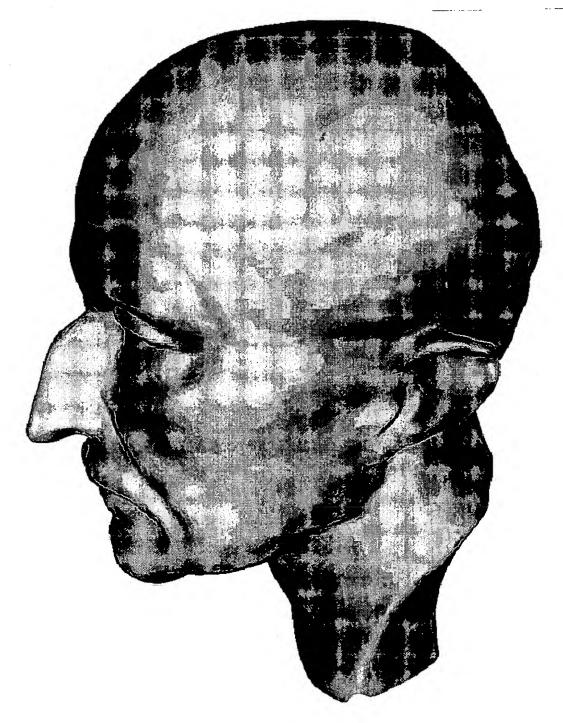


FIGURE 9H

Drawings: 18 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

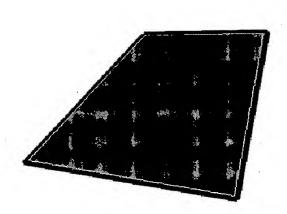


FIGURE 10A

Drawings: 19 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00

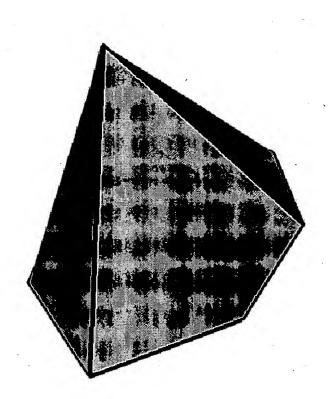


FIGURE 10B

Drawings: 20 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

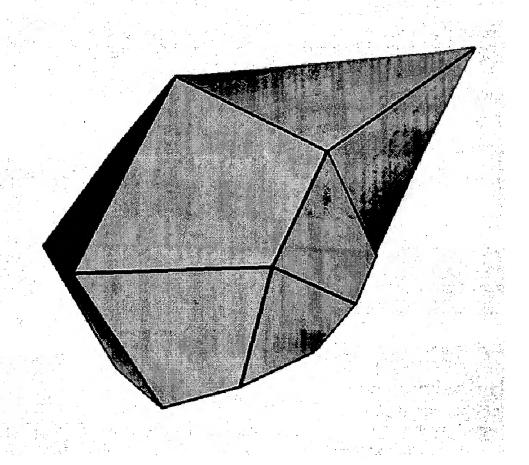


FIGURE 10C

Drawings: 21 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

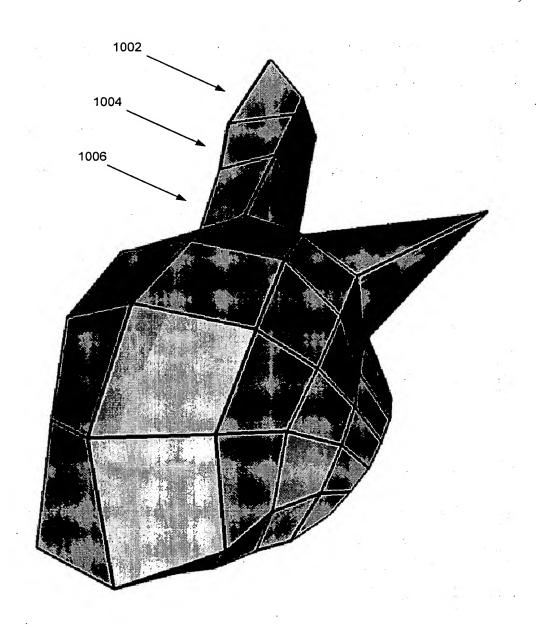


FIGURE 10D

Drawings: 22 of 63

Applicant: Igor Guskov, et al.

Title: HYBRID MESHES

Serial No.: Herewith

Filed: January 30, 2002

Attorney: Robert C. Laurenson

Attorney Docket No.: 01339.0008.NPUS00

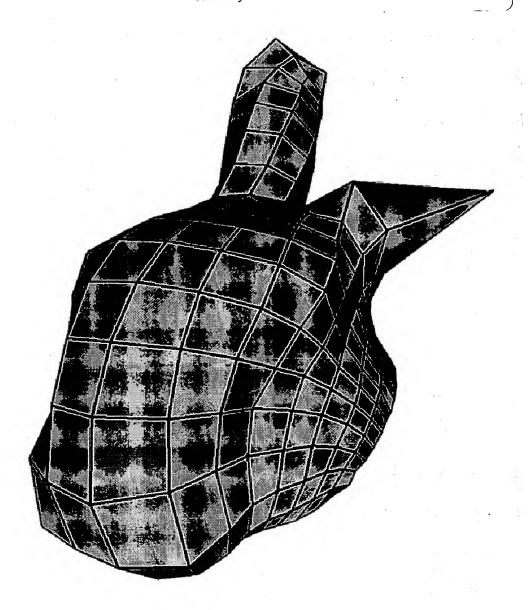


FIGURE 10E

Drawings: 23 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson

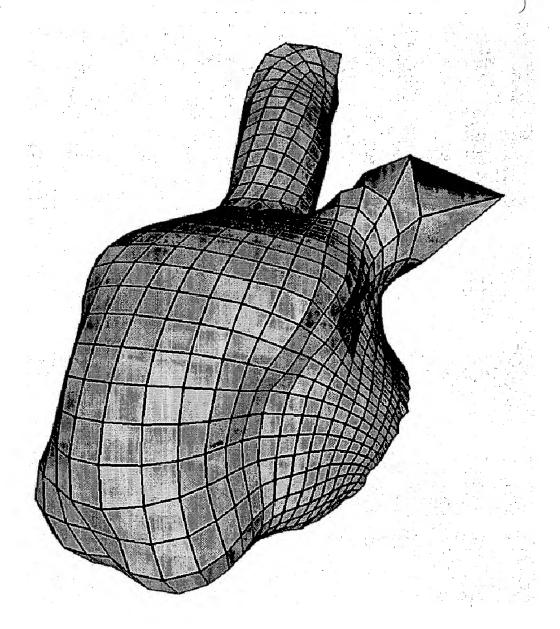


FIGURE 10F

Drawings: 24 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

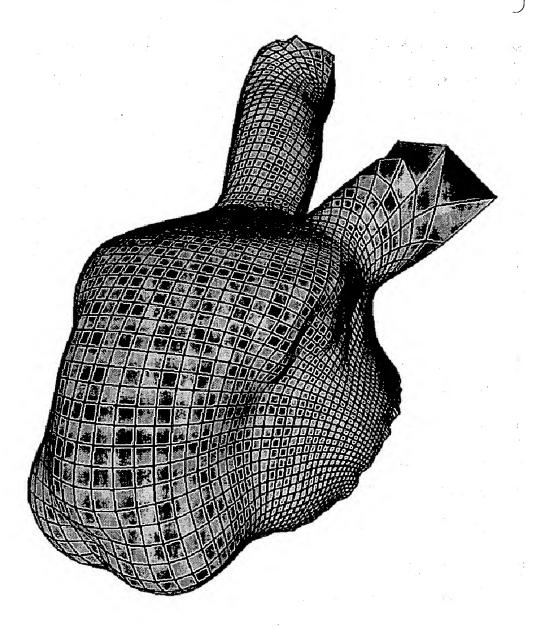


FIGURE 10G

Drawings: 25 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson

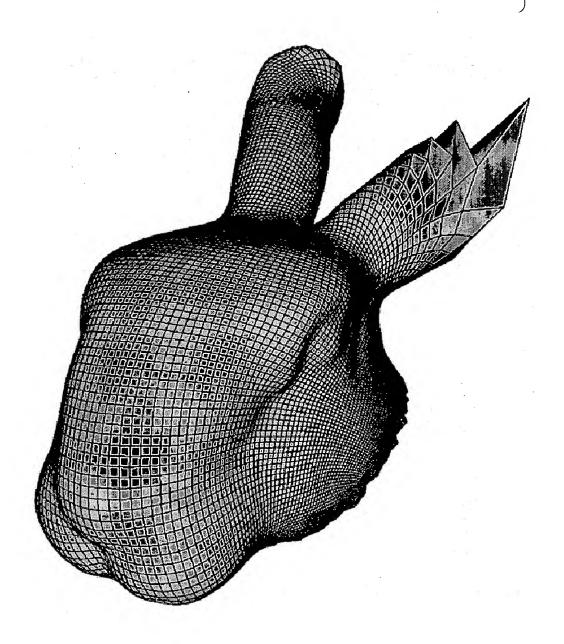


FIGURE 10H

Drawings: 26 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

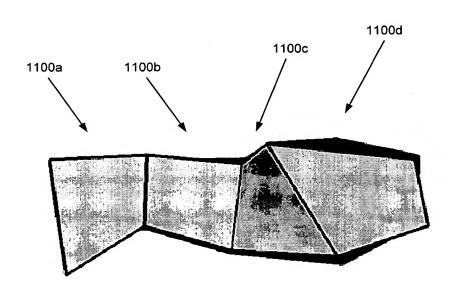


FIGURE 11A

Drawings: 27 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

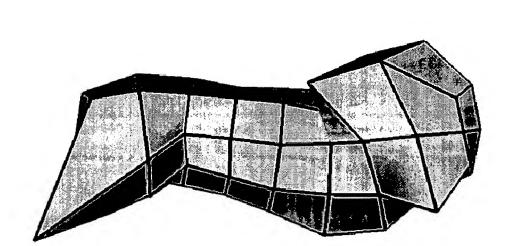


FIGURE 11B

Drawings: 28 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

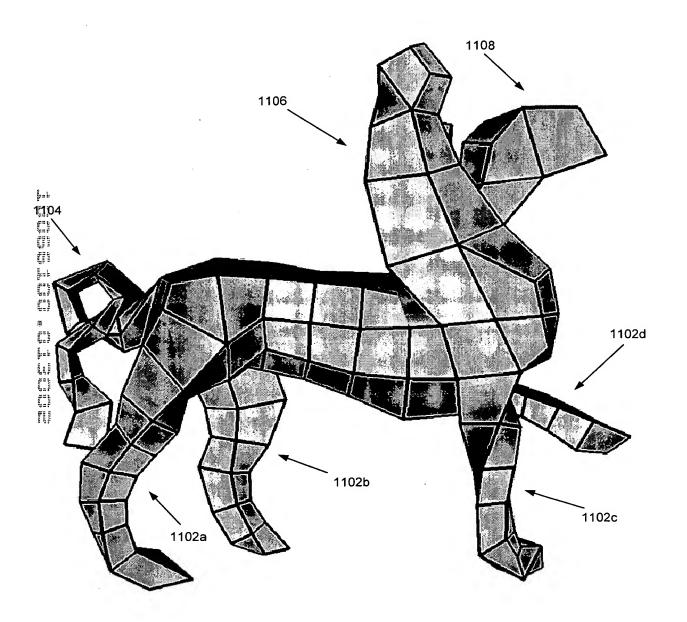


FIGURE 11C

Drawings: 29 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Here and

Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

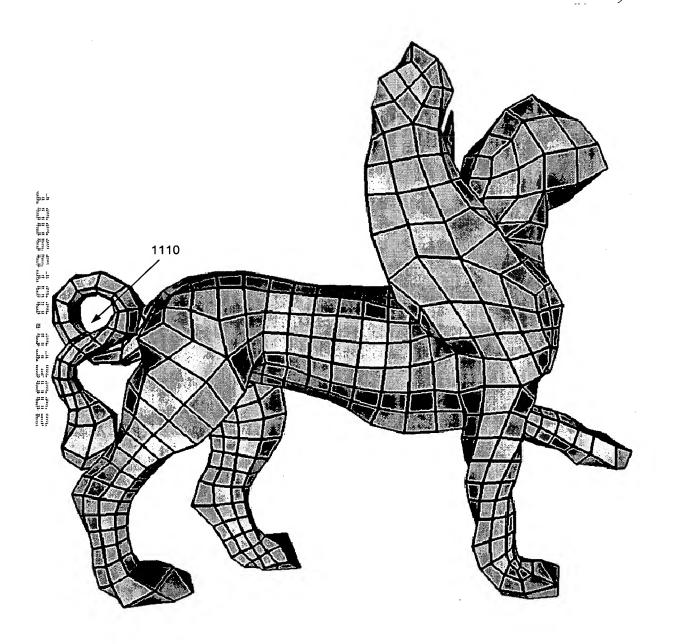


FIGURE 11D

Drawings: 30 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES Serial No.: Herewith Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00

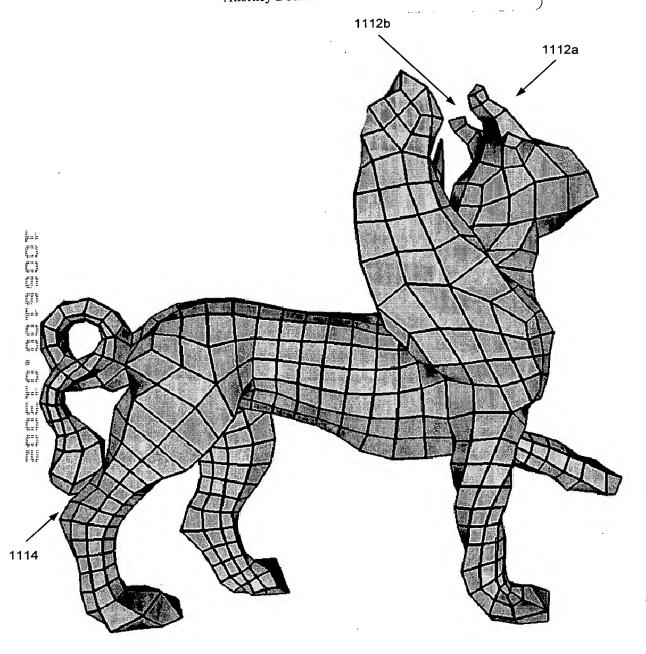


FIGURE 11E

Drawings: 31 of 63

Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00



FIGURE 11F

Drawings: 32 of 63
plicant: Igor Guskov, et al.
fitle: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

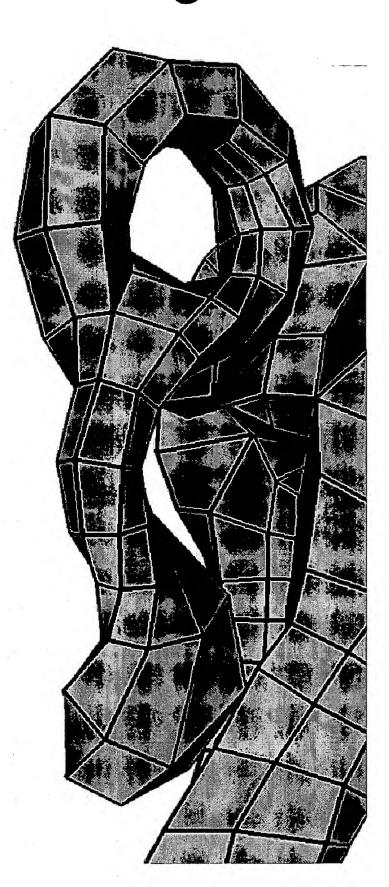
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FIGURE 12A



Drawings: 33 of 63
Sicant: Igor Guskov, et al.
E: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

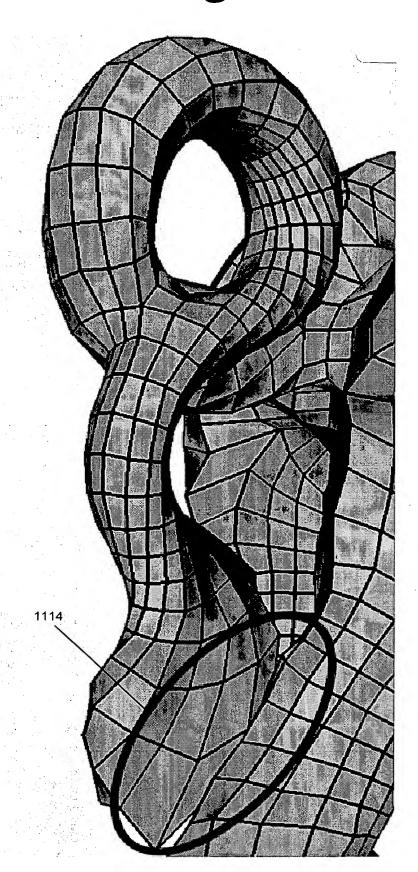
FIGURE 12B



Drawings: 34 of 63
Applicant: Igor Guskov, et al.
TYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

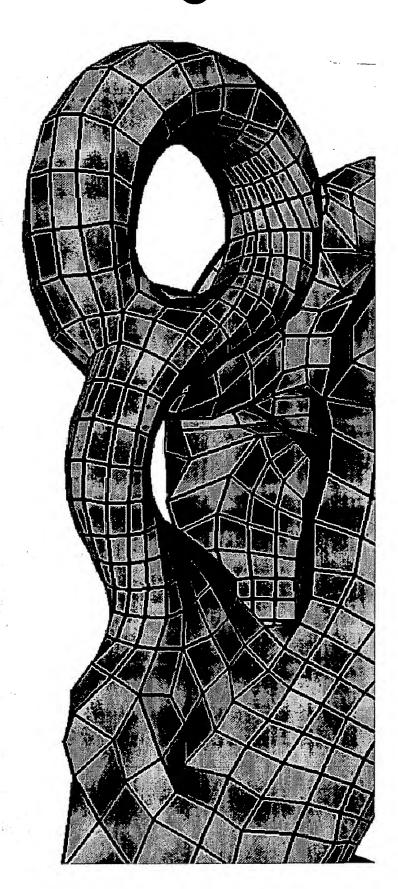
FIGURE 12C





Drawings: 35 of 63
Applicant: Igor Guskov, et al.
HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

FIGURE 12D



Drawings: 36 of 63

Appendix Igor Guskov, et al. HYBRID MESHES

Serial No.: Herewith

Filed: January 30, 2002

Attorney: Robert C. Laurenson

Attorney Docket No.: 01339.0008.NPUS00

FIGURE 12E

Drawings: 37 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith

Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00

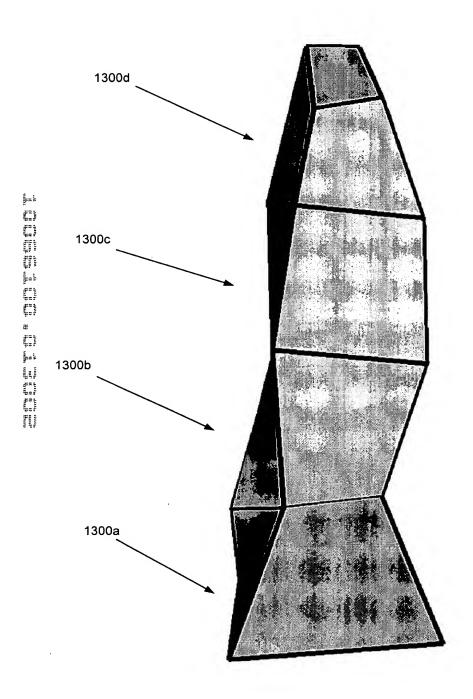


FIGURE 13A

Drawings: 38 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

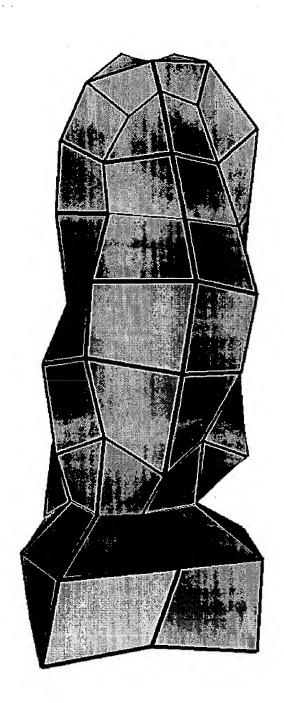


FIGURE 13B

Drawings: 39 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith

Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00

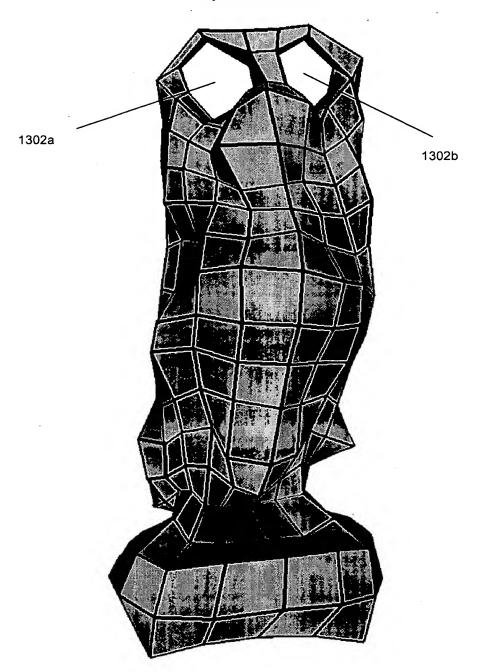


FIGURE 13C

Drawings: 40 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson

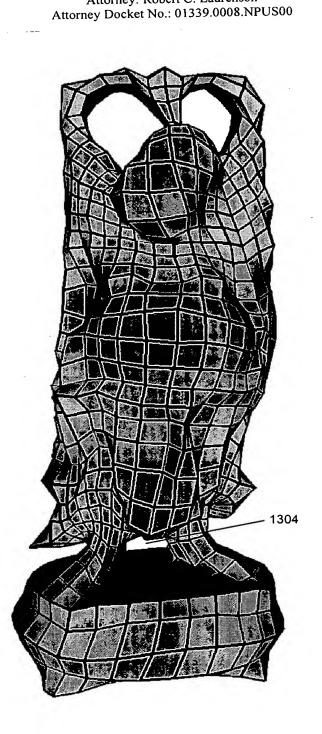


FIGURE 13D

Drawings: 41 of 63

Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

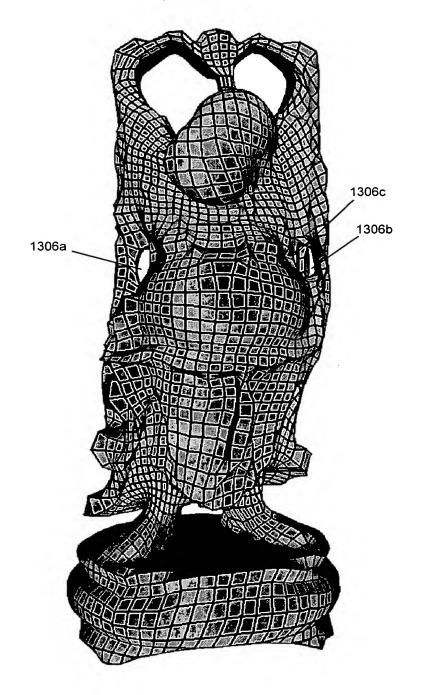


FIGURE 13E

Drawings: 42 of 63

Applicant: Igor Guskov, et al.

Title: HYBRID MESHES

Serial No.: Herewith

Filed: January 30, 2002

Attorney: Robert C. Laurenson

Attorney Docket No.: 01339.0008.NPUS00

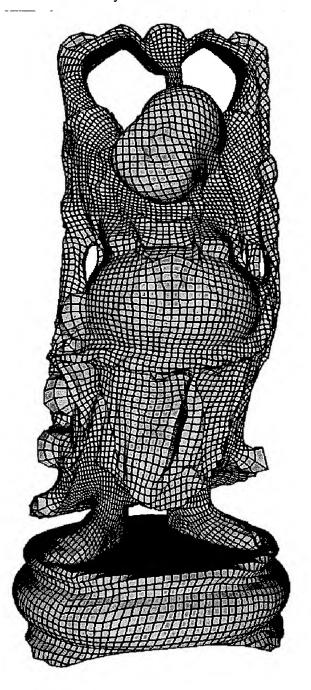


FIGURE 13F

Drawings: 43 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00

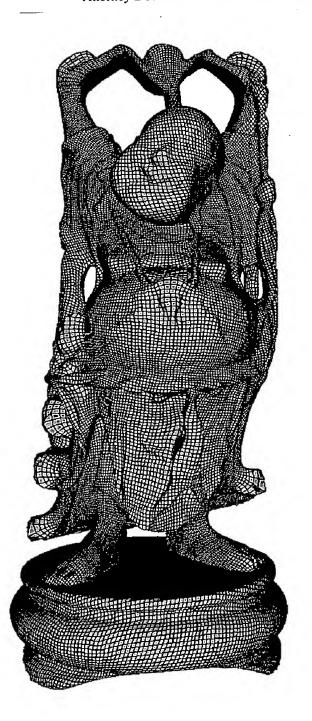


FIGURE 13G

Drawings: 44 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

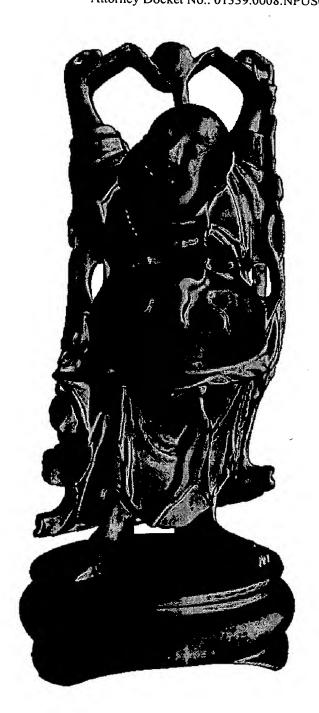
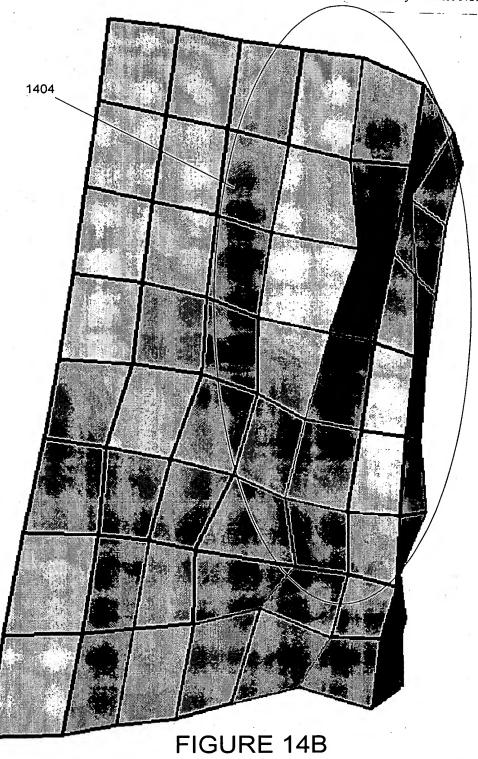


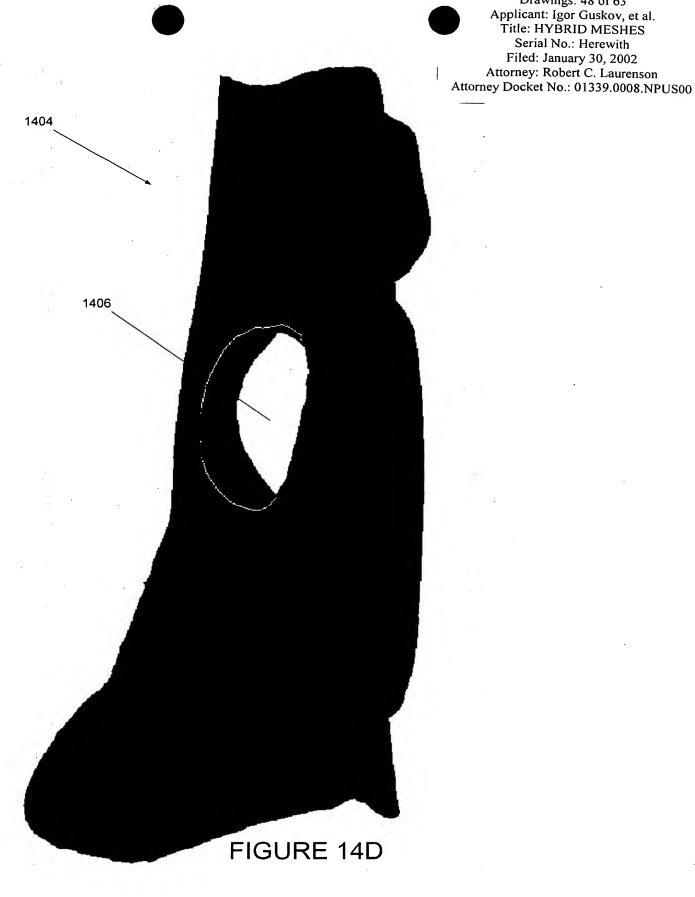
FIGURE 13H

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Drawings: 46 of 63

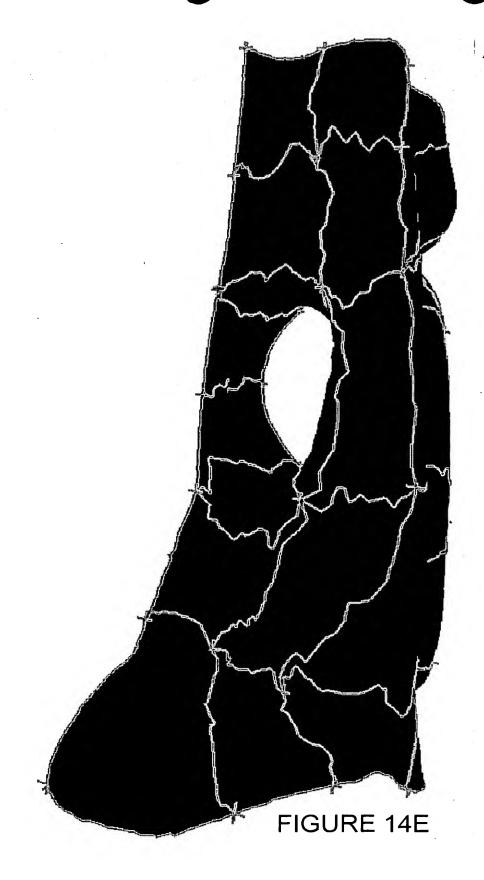
Applicant: Igor Guskov, et al.
HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00



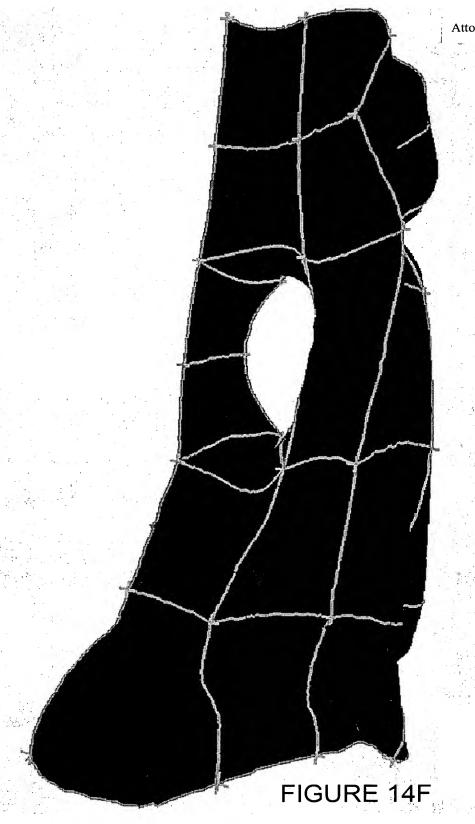


Drawings: 48 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES Serial No.: Herewith Filed: January 30, 2002 Attorney: Robert C. Laurenson

Drawings: 49 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00



Drawings: 50 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00



Drawings: 51 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00



Drawings: 52 of 63

Applicant: Igor Guskov, et al.

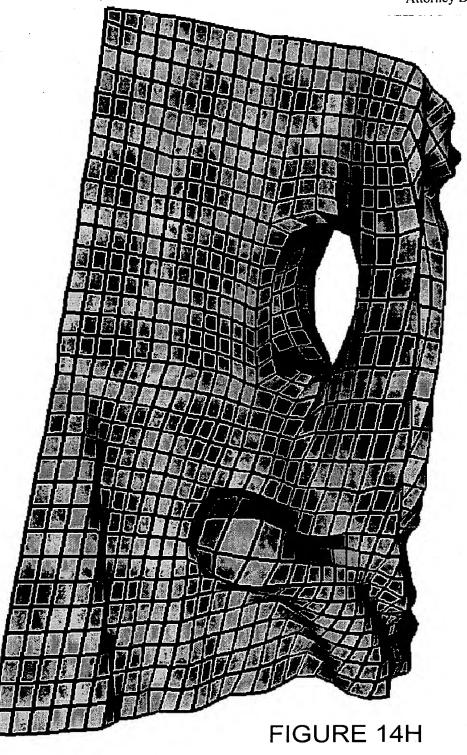
Title: HYBRID MESHES

Serial No.: Herewith

Filed: January 30, 2002

Attorney: Robert C. Laurenson

Attorney Docket No.: 01339.0008.NPUS00



Drawings: 53 of 63 : Igor Guskov, et al. : YBRID MESHES Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

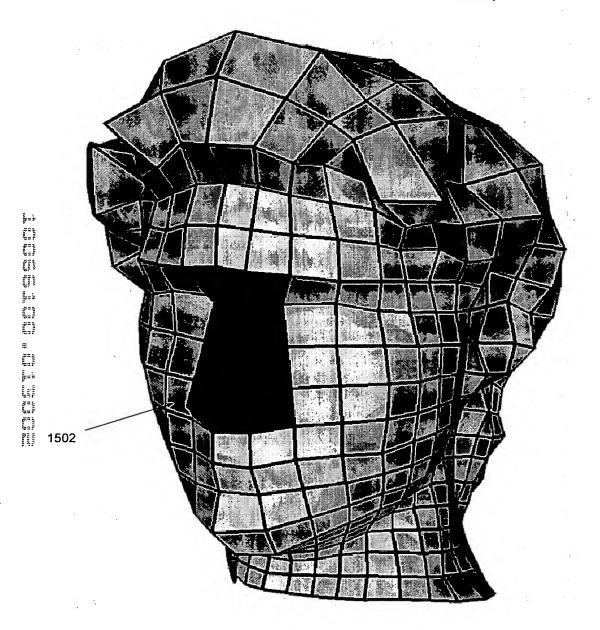


FIGURE 15A

Drawings: 54 of 63

Apparent: Igor Guskov, et al.
HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

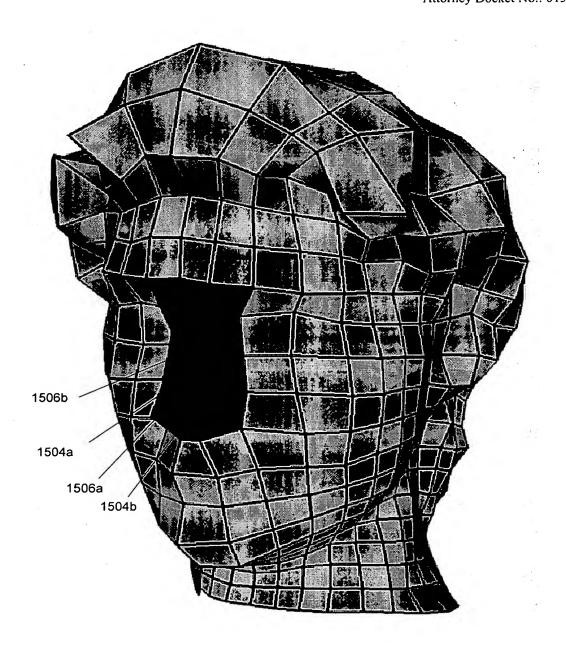


FIGURE 15B

Drawings: 55 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

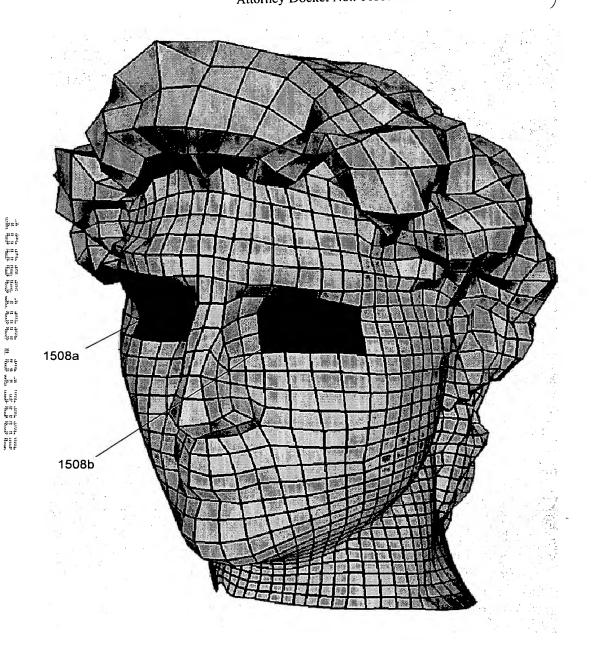


FIGURE 15C

Drawings: 56 of 63 Applicant: Igor Guskov, et al. Title: HYBRID MESHES Serial No.: Herewith Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

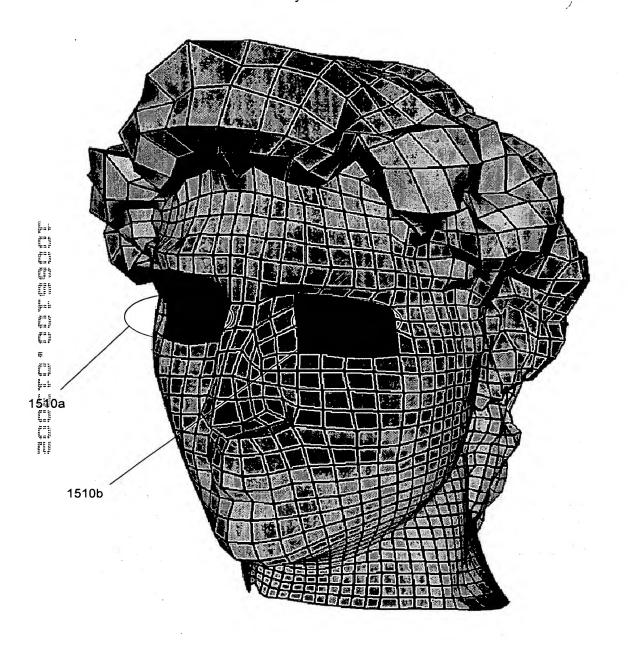


FIGURE 15D

Drawings: 57 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

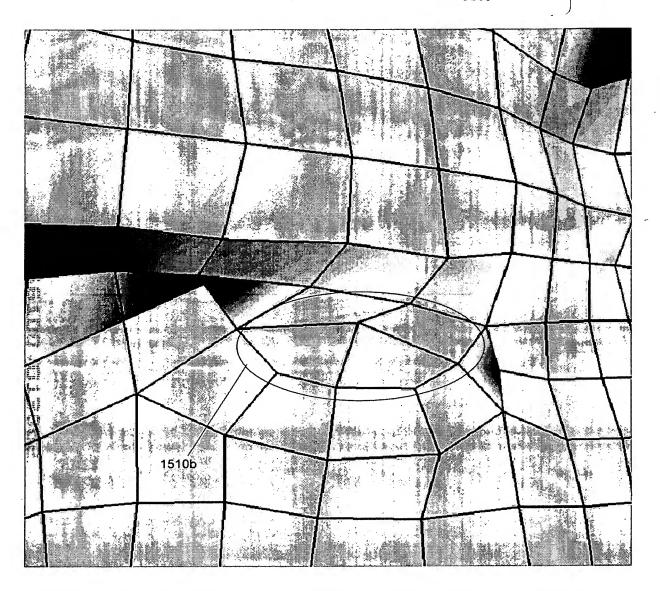


FIGURE 15E

Drawings: 58 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002

Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

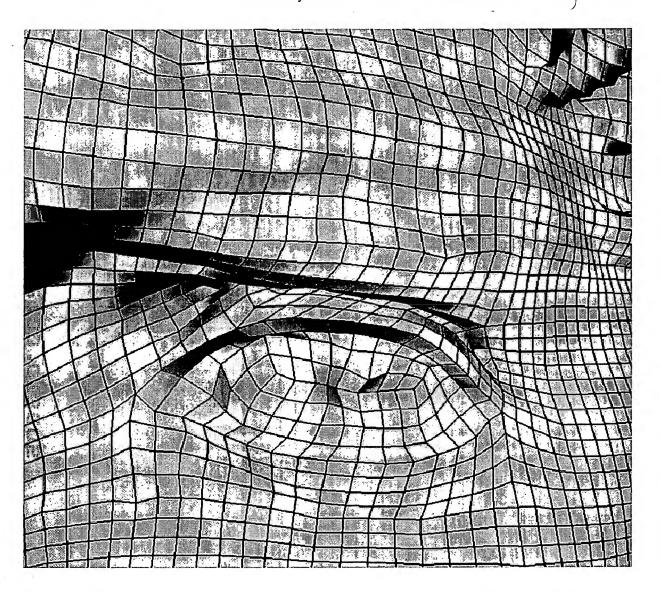


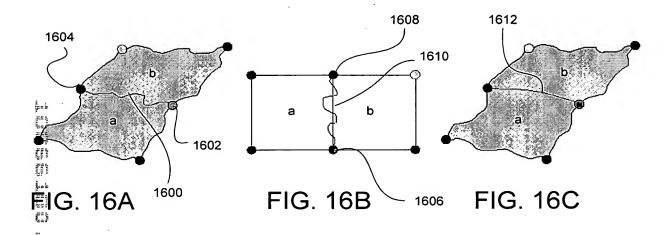
FIGURE 15F

Drawings: 59 of 63
Applicant for Guskov, et al.
Title: RID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00 . 2007-2018 20 20 21 20 20 21 mat of the state o

FIGURE 15G

Drawings: 60 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES

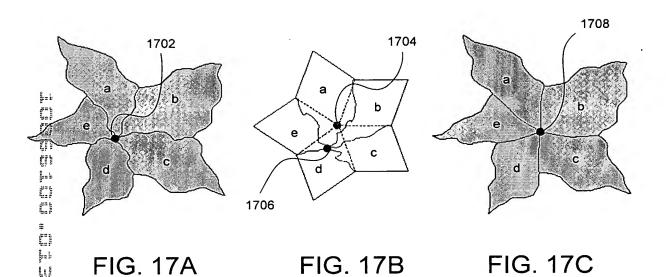
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00



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Drawings: 61 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith

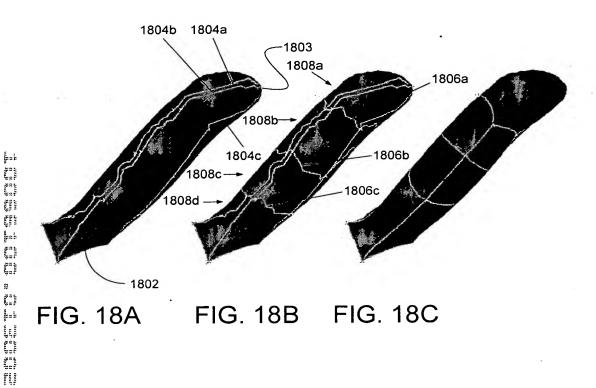
Filed: January 30, 2002 Attorney: Robert C. Laurenson Attorney Docket No.: 01339.0008.NPUS00



Part Hall

Drawings: 62 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson

Attorney Docket No.: 01339.0008.NPUS00



Drawings: 63 of 63
Applicant: Igor Guskov, et al.
Title: HYBRID MESHES
Serial No.: Herewith

Serial No.: Herewith
Filed: January 30, 2002
Attorney: Robert C. Laurenson
Attorney Docket No.: 01339.0008.NPUS00

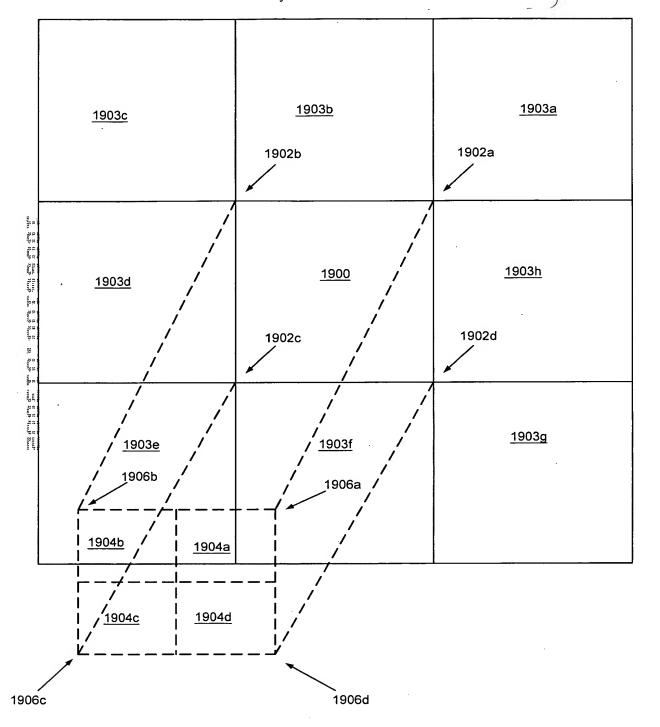


FIGURE 19